Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 18 Aug 2020 until 23:59 on Wednesday 19 Aug 2020

Forecast Issued on Monday 17 Aug 2020 at 17:38

Confidence: High confidence for an unsettled spell of weather to come with showers or longer spells of rain and strong winds; especially on Wednesday and Friday. Low to moderate confidence for likelihood of heavy showers or thunderstorms on Tuesday.

Headline for Tuesday 18 Aug 2020: Mostly cloudy with some rain, perhaps turning heavy through the afternoon.

Mountain weather hazards on Tuesday 18 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	FOG	FOG					FOG
Cloudy	Fog	Fog	Light rain	Heavy Rain	Light rain	Light rain showers	Fog
Precipitation probability							
10%	10%	30%	80%	80%	50%	50%	20%

Forecast for Tuesday 18 Aug 2020

Weather: Mostly cloudy overnight, but likely remaining dry. Outbreaks of light rain arriving during the morning, turning heavier and more persistent into the afternoon. There is a small chance that heavy pulses of rain in the afternoon could be accompanied by the odd rumble of thunder. Some brighter spells perhaps developing by the end of the day, with showers then easing into the evening. Turning cloudier again by late evening.

Chance of cloud free mountain/hill tops above 600m: 20% overnight and morning, with broken areas of cloud giving navigational problems down to around 300-400m. Similar during the afternoon, but becoming 40% by evening as cloud turns more patchy.

Visibility: Good air clarity at low altitudes, though distant ranges will be obscured from view in any rain. Minimal views on the tops at this time due to cloud obscuring summits. At low altitudes nearby hills may briefly appear as faint outlines in any heavy showers or thunderstorms during the afternoon. Seriously reduced visibility on some summits during the afternoon and evening associated with low cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 18 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/12 SE	7/12 SE	9/13 SE	12/17 S	14/19 SW	17/23 SW	15/21 SW	13/19 SW	11/17 SW
300	3/8 E	3/11 SE	6/13 SE	8/15 S	11/21 SW	12/23 SW	9/19 SW	6/15 SW	6/14 SW
Valley	4/10 E	5/13 SE	6/13 SE	7/15 SE	10/20 SW	11/22 SW	7/15 SW	3/11 SW	3/11 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/12	13/12	12/10	12/10	13/11	13/10	13/10	12/10	12/10
300	14/14	14/14	14/13	15/14	15/14	15/13	15/14	14/14	14/14
Valley	15/15	15/15	15/15	16/16	16/15	16/15	16/16	15/15	15/15
Freezing Level*	2800m	2700m	2700m	2800m	2800m	2800m	2800m	2700m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 17 Aug 2020	12.6mm	16mm	16mm

Forecast for Wednesday 19 Aug 2020

Weather: Dry, with clear spells overnight and early Wednesday daytime and some low cloud and mist patches. Some bright or sunnier conditions mid-late morning, but cloud and rain will become persistent into the afternoon and through the evening, some of which is likely to be heavy. Strengthening winds will accompany the rain.

Maximum wind: South-east 20-25 mph gusting 30-35 mph.

Chance of cloud free mountain/hill tops above 600m: 60% overnight with occasional cloud cover to around 600m. Increasing to 90% from mid-morning. Becoming 20% by evening with persistent cloud above 300m.

Visibility: Generally good or very good air clarity, but reducing to a few kilometres in any mist patches in valleys during the early morning, or minimal on hills obscured by cloud. With the arrival of persistent rain later in the day distant hills will become indistinct and nearby hills hard to see, making navigation much more difficult.

Temperature: **Valleys:** Plus 14 becoming Plus 20 Celsius.
At 600m: Plus 11 becoming Plus 15 Celsius.
Freezing level: Above the summits.

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